SPECIFICATION AMENDMENTS

Please amend the paragraph beginning at page 13, line 27 of the Substitute
Specification as follows:

"Referring to FIG. 5, an X-ray medical examination apparatus 150 employs
structure for acquiring digital image data of a medical image, and a digital processing
system 120 for processing these data according to the processing method described
above. The X-ray apparatus comprises an X-ray source 101, a table 102 for receiving
a patient to be examined, an optical system 103, 104 for supplying image data to the
processing system 120 which has at least one output 106 to send image data to display
and/or storage 107. The display and storage 107 may respectively be the screen 140
and the memory of a workstation 130. The storage 107 may alternately be external to
apparatus 150. This image processing system 120 may be a suitably programmed
computer of the workstation 130, or a special purpose processor which has a circuit
configuration, such as LUTs, Memories, Filters, Logic Operators, which are arranged
to perform the functions of the method steps according to the invention. The
workstation 130 may also employ a keyboard 131 and a mouse 132.employ"